

1 Light Box slimlite

A compact and handy, super-flat daylight lamp light box. Uniform illumination as a result of special light conducting and reflecting technology in conjunction with cold-cathode fluorescent tubes. On/Off switch. Protective cover included. Without batteries or power supply.

Kaiser Fototechnik

Specifications

Service life: approx. 10.000h
 Colour temperature: approx. 5000 K (±5%)

Mini

Viewing area: approx. 100 x 125mm
 Battery: 6 x 1.5V Micro/AAA

Midi

Viewing area: approx. 180 x 130mm
 Battery: 6 x 1.5V Micro/AAA

Maxi

Viewing area: approx. 300 x 200mm
 Power supply: 230V

Type	Description	Dimensions (W x D x H) mm	Weight g	PK	Cat. No.
Mini	without mains adaptor	160 x 150 x 14	260	1	9.584 622
Midi	without mains adaptor	220 x 190 x 21	515	1	9.584 623
Maxi	with mains adaptor	370 x 280 x 25	1270	1	9.584 624
Mains adaptor	for slimlite Mini and Midi	-		1	9.584 625



2 Tube microscopes

Suitable for inspecting a wide variety of surfaces such as metals, textiles, minerals, varnishes, etc. The wide focusing range enables raised or depressed features (e.g. holes) to be examined in detail. The wide adjustment range is even able to compensate for a high level of visual impairment. A high level of brightness is achieved as a result of the large lens aperture. Additional illumination is not usually required in daylight conditions. Huygens eyepiece. Precision glass measuring scale, graduation 0.05mm.

Eschenbach

Micromagnifier with illumination

- Precise focusing with adjustable wheel
- The light can be used when required
- Magnification 30 x, glass lenses

Mag-nification	Description	PK	Cat. No.
40x	with measuring scale	1	9.151 592 2
30x	with illumination	1	9.151 594 3



4 Stereomicroscope, ST-36C

- 45° inclined, binocular tube, 360° rotating
- Widefield eyepieces WF10X/20mm
- Objective changer C: 2X, 4X
- Tungsten 12V/10W incident and transmitted illumination
- For 220-240V supplies, with plug (CE)

Motic

Type	Description	Illumination	PK	Cat. No.
ST-36C-2LOO		Tungsten	1	9.727 007
ST-36C-2LOO	with UK plug	Tungsten	1	9.727 008
ST-36C-6LED	Akku	LED	1	9.727 009
ST-36C-6LED	Akku with UK plug	LED	1	9.727 010

Educational Microscopes, BA81



- Monocular (BA81A-MS corded)/Binocular (BA81B-MS w/100X corded) head, 45° inclined, 360° rotating
- Widefield eyepiece WF10X/18mm
- Reversed quadruple revolving nosepiece
- Achromatic objectives EA 4X, 10X, 40X S
- Achromatic objectives EA 4X, 10X, 40X S and 100x S Oil (BA81B-MS w/100X corded)
- Coaxial coarse and fine focusing system with tension adjustment
- Built in low position coaxial mechanical stage
- Focusable N.A. 1.25 Abbe condenser
- Iris diaphragm with filter holder
- LED illumination 20mA, 3.5V, 70mW with intensity control
- Main supply 220V-240V, (CE)
- Dust cover

Motic

1



9.727 032

2



9.727 033

Type	Description	PK	Cat. No.
BA81A-MS	Monocular	1	9.727 032
BA81B-MS	Binocular	1	9.727 033

3 Stereomicroscope



- Stereo head: 45° inclined, 360° rotated , adjustable interpupillary distance of 54-74mm
 Magnification: 20x and 40x, expandable to 80x
 Eyepieces: wide field 10x, eyepiece tube with diopter adjustment of ±5dpt, eyepiece cup
 Objective: turning revolver 2x and 4x parallel objective arrangement
 Focusing: coarse both sides
 Stand: sturdy metal stand, column length 180mm, black and white plastic plate for reflected light, transmitted light frosted plate for transmitted illumination, diameter each 95mm
 Light: incident light lamp 12V, 5W with adjustable grid, as plug-in transmitted illumination in the foot

Eschenbach

3



Description	PK	Cat. No.
Stereomicroscope	1	9.151 532

4 Binocular Microscopes for Schools/Laboratories, B1-220ASC

- Binocular head, 45° inclined, 360° rotatable
- widefield eyepieces WF10X/20mm
- 4-place nosepiece
- Achromatic Super Contrast Objectives ASC 4X, 10X, 40X (sprung), 100X (sprung/Oil)
- coaxial coarse and fine focussing
- built-in mechanical stage with coaxial controls
- focussable, N.A. 1.25 Abbe condenser
- iris diaphragm with filter holder
- adjustable 12V/20W Halogen illumination
- for 220-240V supplies, with plug (CE)

Motic

4



Supplied with: blue, yellow & green filter, immersion oil (5ml), dust cover.

Type	Description	PK	Cat. No.
B1-220ASC		1	9.727 002
B1-220ASC	with UK plug	1	9.727 003



9.727 025



6.238 591

Basic Biological Microscope for Education and Routine, BA210

NEW!

Motic

- Infinity Optics Optik [CCIS®]
- Observation Tube Binocular -/Phototube 30°, F.N. 20
- Interpupillary Distance 55-75mm
- Eyepieces High-Eyepoint N-WF 10x/20mm provide dioptre adjustment for both eyes
- Nosepiece reversed quadruple
- Objectives CCIS EF-N Plan 4x, 10x, 40x-S, 100x-S-Oil
- Stage 140 x 135mm surface, 76 x 50mm movement, coaxial controls right hand
- Condenser focusable Abbe N.A. 1.25 with iris diaphragm and slider slot for Phase 10x/40x
- Focus Z-Axis movement 25mm stroke, fine focus with 2µm increment, coarse focus with torque adjustment
- Illumination 6V/30W halogen with intensity control
- Universal power supply 100-240V (CE)

Supplied with: diameter 45mm blue filter, immersion oil (5ml), power cord, Allen hexagonal key, vinyl dust cover
Optional available Phase-contrast 10x/40x, DF 10x-40x, Polarization

Type	Description	PK	Cat. No.
BA210	Binokular	1	9.727 025 1
BA210	Trinokular	1	6.238 591 2



High-performance zoom stereomicroscope, SMZ-168TL

Motic

- Trinocular head, 35° inclined, 360° rotating
- 100:0 (eyetubes), 50:50 (trinocular tube/right eyetube) optical split
- Widefield eyepieces WF10X/23mm
- 6.7:1 Zoom ratio, WD=113mm
- Magnification range: 7.5X-50X
- Possible magnification with additional objectives of 2.3X up to 100X
- 2111: Large working area stand with head holder
- 12V/10W incident and transmitted halogen illumination with intensity control
- Main supply 100V-240V (CE)

Supplied with: Black/White and frosted glass stage plates Ø 95mm, blue filter, dust cover and eyecups.
Additional accessories available: FBGG LED base optional available, 5500K colour temperature, 3W Lambertian LED individual bulb for incident/transmitted, Adjustable intensity control; linear.

PLEASE NOTE: Camera and C-mount adapters are not included.

Type	Description	PK	Cat. No.
SMZ-168TL		1	9.727 013
SMZ-168TL	with UK plug	1	9.727 014



9.727 004



7.626 190

Advanced upright microscope for life science and laboratories, BA310

NEW!

Motic

- Infinity Optics [CCIS®]
- Observation Tube Binocular -/Phototube 30°, F.N. 20
- Interpupillary Distance 55mm to 75mm
- Eyepieces High-Eyepoint N-WF 10x - 20mm provide dioptre adjustment for both eyes
- Nosepiece reversed quintuple
- Objectives CCIS EF-N Plan 4x, 10x, 40x-S, 100x-S-Oil
- Stage 174mm x 140mm surface, 76mm x 50mm movement, coaxial controls right hand
- Condenser focusable Abbe N.A. 0.90 with iris diaphragm and slider slot for phase 10x - 40x
- Focus Z-Axis movement 20 mm stroke, fine focus with 2µm increment, coarse focus with torque adjustment
- Illumination Koehler 6V/30W halogen with intensity control
- Universal power supply 100-240V (CE)

Supplied with: dia. 45mm blue filter, immersion oil (5ml), power cord, Allen hexagonal key, vinyl dust cover.
Optional available Phase-contrast 10x -40x, DF 10x-40x, Polarization, Phase contrast -Turretcondenser 2 different options (for use with CCIS Plan Phase objectives)

Type	Description	PK	Cat. No.
BA 310	Binokular	1	9.727 004 4
BA 310	Binokular with UK plug	1	9.727 005
BA 310	Trinokular	1	7.626 190 5

Lab Microscope for advanced applications, BA410

NEW!

- Infinity Optics [CCIS®]
- Observation Tube Binocular -/Phototube 30°, F.N. 22
- Interpupillary Distance 48-75mm
- Eyepieces High-Eyepoint N-WF 10x/22mm provide dioptre adjustment for both eyes
- Nosepiece reversed sextuple
- Objectives CCIS EC-H Plan 4x, 10x, 40x-S, 100x-S-Oil
- Stage 174 x 145mm surface, 76 x 50mm movement, coaxial controls right hand
- Condensor achromatic swing-out Abbe 0.90/0.13
- Focus Z-Axis movement 27 mm stroke, fine focus with 1µm increment, coarse focus with torque adjustment
- Illumination Externally mounted lamp house, Koehler 6V/30W Quartz halogen with intensity control
- Universal power supply 100-240V (CE)

Supplied with: dia. 45mm blue filter, immersion oil (5ml), power cord, Allen hexagonal key, vinyl dust cover.
Optional available Phase-contrast (Ph 1.2.3), DF 10x-40x, Polarization, Ergotube, Plan fluar objectives, Epi-fluorescence

Type	Description	PK	Cat. No.
BA410	Binocular sextuple	1	9.727 026 1
BA410	Trinocular sextuple	1	9.727 027 2

1

Motic



9.727 026

2



9.727 027

Inverted Routine microscope for live cell, AE2000

NEW!

- Infinity Optics [CCIS®]
- Observation Tube Binocular -/Phototube 45°, F.N. 20
- Interpupillary Distance 55-75mm
- Eyepieces High-Eyepoint N-WF 10x/20mm provide dioptre adjustment for both eyes
- Nosepiece quadruple, left side orientated
- Objectives CCIS Plan achromat PL 4x, LWD PL 40x, CCIS Plan Achromat Phase PL Ph 10x (Ph1), LWD PL Ph 20x (Ph2)
- Stage plain stage 200 x 239mm surface with metal & glass stage inserts
- Condensor ELWD N.A. 0.3 with phase slider (Ph1, BF, Ph2)
- Illumination 6V/30W halogen with intensity control and sleeping mode
- Universal power supply 100-240V (CE)

Supplied with: dia. 45mm blue, green interference and neutral density filters with filter slider, centering telescope, power cord, Allen hexagonal key, vinyl dust cover.
Optional available Phase-contrast 4x/40x, mechanical stage with well plate holder

Type	Description	PK	Cat. No.
AE2000	Binokular	1	9.727 030 3
AE2000	Trinokular	1	9.727 031 4

3

Motic



9.727 030

4



9.727 031

Inverted Microscope, trinocular, AE31

- Trinocular head Siedentopf type, 45° inclined (light split 100:00, 20:80)
- High-Eyepoint eyepieces WFPL10X/22mm provide diopter adjustment for both eyes
- 5-place, side facing nosepiece
- CCIS Plan Achromat objective PL 4X
- CCIS Plan Achr. Phase objectives PL PH 10X, LWD PL PH 20X, LWD PL PH 40X
- ELWD N.A. 0.30 condenser
- Phase slider, centrable Ph1(10X), brightfield, Ph2(20X/40X)
- Centring telescope
- Plain stage with metal & glass stage inserts
- 6V/30W halogen, Köhler illumination
- Blue, Interference and frosted glass filters (all 45mm dia.)
- Allen key, vinyl dust cover
- For 100-240V supplies, with plug (CE)

Motic

5



Type	Description	PK	Cat. No.
AE31	Trinocular	1	9.727 015
AE31	Trinocular with UK plug	1	9.727 016

1

1 Compact zoom stereomicroscope, SMZ-140-N2GG
NEW!
Motic

The Greenough optical system provides clear stereoscopic images ruggedized to operate in harsh environments of the laboratory or machines.

- Binocular head, 45° inclined, 360° rotating
- Widefield eyepieces WF10X/20mm
- 4.1 Zoom ratio, WD=80mm
- Magnification range: 10X-40X
- Possible magnification with additional objectives of 3.5X up to 60X
- N2GG: Base stand with pole and head holder
- Black/white stage, Ø 80mm
- Frosted glass stage plate, Ø 80mm
- Intensity controlled halogen illumination
- Incident 12V/15W and transmitted 12V/10W
- Main supply 220V-240V (CE)

Supplied with: Dust cover, eyecups, blue filter

Type	PK	Cat. No.
SMZ-140-N2GG	1	6.240 716

2

2 Digital Microscope for Schools/Laboratories, DM-1802-A
Motic

- Widefield eyepiece WF10X/18mm
- Built-in, digital imaging Chip
- 1280 x 1024 Pixel resolution with USB2.0 output
- 30° inclined, monocular viewing tube
- Quadruple (4-place) nosepiece with click-Stop
- Achromatic Objectives EA 4X, 10X, 40X (sprung)
- Focussing Abbe condenser (N.A. 1.25)
- Separate coarse and fine controls
- Built-in mechanical stage with coaxial controls and slide holder
- Adjustable 12V/20W halogen illumination
- For 220-240V supplies, with plug (CE)
- Motic Images Plus 2.0 ML software for PC (requires Win XP or later)
- Motic Images Plus 2.0 ML software for Mac (requires Apple OSX or later)
- Dust cover
- Calibration slide

Type	Description	PK	Cat. No.
DM-1802-A		1	9.727 000
DM-1802-A	with UK plug	1	9.727 001

3

3 Digital Stereomicroscopes, DM-143-FBGG-C
Motic

- widefield objectives WF10X/20mm in a binocular, stereo head
- built-in, digital chip
- resolution: 2048 x 1536 Pixel, USB2.0 output
- zoom Objectives 1X - 4X, Zoom factor 1:4
- compact column stand with wide, stable base
- black/white stage plate
- frosted glass stage plate
- 12V/10W incident and transmitted halogen illumination with intensity control
- for 100-240V supplies, with plug (CE)

Supplied with: Motic Images Plus 2.0 (multilingual) software for PC (for Win XP or later) and for Mac (OSX or later), USB cable, dust cover, calibration slide.

Type	Description	PK	Cat. No.
DM-143-FBGG-C		1	9.727 011
DM-143-FBGG-C	with UK plug	1	9.727 012

Digital Microscope Cameras, MC1000/2000/2300/2500



Motic

Motic digital cameras for all purpose.

- Compact design with USB 2.0 output
- Chip size: 1/3" CMOS (MC 1000/2000), 1/2" CMOS (MC 2300), 1/3" CMOS (MC 2500), Progressive Scan, TWAIN-Compatible
- Minimum system requirements P4, 1 GHZ, 512 MB RAM, 64MB display, Windows XP (service pack 3) or VISTA/WIN 7, MAC OSX, USB 2.0 connection

Supplied with: eyepiece couplers (28mm, 30mm, 34mm, 35mm), focusable macro lens, macrotube, Calibration slide, B&S adapter for use with eyepiece tube (MC 200/2300/2500), Motic Images Plus 2.0 for PC (multilingual) and MAC.

Type	Description	PK	Cat. No.
MC1000	1.3 MP (max. 1280 x 1024 pixel)	1	9.727 020
MC2000	2 MP (max. 1600 x 1200 pixel)	1	6.237 229
MC2300	3 MP (max. 2048 x 1536 pixel)	1	6.236 072
MC2500	5 MP (max. 2592 x 1944 pixel)	1	9.727 021



9.727 020

6.237 229

6.236 072

9.727 021

5 High resolution digital microscope cameras, MC Pro 285A



Motic

With this new range of CCD cameras Motic takes a further step to the Scientific level.

- C/CS mount scientific camera, ICX285AQ 2/3" CCD Color, 1360x1024 pixes, USB2.0 output
- On-board 4-frame image buffer, TTL port, Pixel size 6.45 x 6.45
- Moticam Pro software (Images Plus 2.0 & Images Advanced 3.2, Twain, SDK)
- Schott BG-40 filter, USB cable, calibration slide



Type	PK	Cat. No.
MC Pro 285A	1	6.240 242

6 USB-Microscope with integrated 1.3MP camera, D-EL1 ecoline



Motic

With LED illumination and USB 2.0 connection over Motic application software.

Sensor: 1/3", 1.3MP CMOS

Illumination: 8-LED in ring formation with 2-step brightness control

Focus: Soft-grip focus wheel

Magnification: Focus position between 10X and 50X and a focus position at 200X, all screen size dependent.

Capture: Direct capture button and via the software

Power: Direct from the computer through the USB connection

Accessories: Motic EcoLine Tool application software and metal stand



Type	PK	Cat. No.
D-EL1 ecoline	1	9.727 034





6.235 387

Cold light sources

For work area illumination in microscopy, clinical diagnostics, dental technology, photography or mineralogy. Cold light sources filter out heat-producing, infra-red radiation. Visible light with a high and constant intensity is directed to the specimen via flexible light guides. The specimen is not subjected to heat. Compact, easy to use and maintenance-free. The light source base unit is cooled by a low-noise fan with air vented at the rear of the casing. Can be used with special accessories in clean rooms.

Schott Fiber Optics

KL 200 LED - compact, save energy and cost-effective

20W halogen equivalent LED with continuous dimming. Convection cooling for silent and vibration-free operation. Max. light intensity: 50lm incl. wide-range power supply with international plug system.



6.236 825

KL 1500 LED - economy

The brightness is equivalent to a 150W halogen cold light source. Max. lighting intensity: 380lm

KL 2500 LCD - professional

Professional cold light source with 24V/250W halogen ellipsoid reflector lamp and variable brightness control dial with 5 click-stop positions for reproducible setting. Light remains constant irrespective of power supply fluctuations ($\pm 15\%$). Max. lighting intensity: 1300lm

Light exit angle: Approx. 70° without focussing attachment, approx. 20° with focussing attachment

Supply requirement

KL 200 LED, KL 1500 LED: 100-240V, 50/60Hz
 KL 2500 LCD: 230V, 50/60Hz, safety class II.

Type	Light colour K	Width mm	Depth mm	Height mm	PK	Cat. No.
KL 200 LED	5600	106	114	59	1	6.235 387 1
KL 1500 LED	6000	220	113	137	1	6.236 825 2
KL 2500 LCD	3200	200	265	170	1	9.705 202

Cold light source, accessories, KL 200 LED

Schott Fiber Optics

Description	PK	Cat. No.
Swan-neck, fibre-optic light guide, single, 3.5mm diameter, length 500mm	1	9.705 221
Swan-neck, fibre-optic light guide, double, 3.5mm diameter, length 500mm	1	9.705 220
Flexible light guide, single, PVC sheathed, 4.5mm diameter, length 600mm	1	9.705 225
Flexible light guide, double, PVC sheathed, 4.0 mm dia., length 1000 mm	1	9.705 226
6 point ring light, Int. diameter 66mm	1	9.705 230
6 point ring light, Int. diameter 58mm	1	9.705 231

Accessories for cold light sources KL 200 LED/KL 1500 LED/KL 2500 LCD

Lens adaptor, split ring illuminator, i.d. 58mm: For Leica M1-M7 microscopes.

Schott Fiber Optics

No adaptor required on Zeiss Stemi 1000 and 200, SV6 and SV11. Supplied directly by Zeiss.

Lens adaptor: 4-point ring illuminator and split light illuminator, i.d. 58mm: No adaptor required on Leica GZ6, M8, M10, M12 and MZAPO microscopes.

Description	PK	Cat. No.
Focussing attachment and filter set	1	9.705 170
Polarisation filter for focussing attachment	1	9.705 176
Focussing attachment, without filter, for swan-neck and flexible fibre optic light guides	1	9.705 175
Conversion filter for focussing attachment	1	9.705 177
Lens adapter 1 58 to 66mm	1	9.705 272



3 Scalpels, disposable Cutfix®

Sterile. For cleaner, smoother, more accurate incisions.

B. Braun

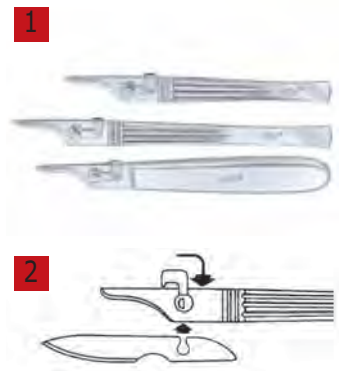
Type	PK	Cat. No.
10	10	9.409 804
11	10	9.409 805
12	10	9.409 806
15	10	9.409 807
20	10	9.409 808
21	10	9.409 809
22	10	9.409 810
23	10	9.409 813
24	10	9.409 814

1 2 Scalpel handles, stainless

For interchangeable, disposable blades using the BAYHA interlocking system. All shapes of blade fit each handle. Blades insert into the side of the handle.

Bayha

Type	Length mm	PK	Cat. No.
1, non-rusting	130	1	9.409 841
4, non-rusting	160	1	9.409 844
5, hollow handle, non-rusting	150	1	9.409 845



3 Scalpel blades, non-sterile

For scalpel handles using the BAYHA interlocking system. Sterile scalpel blades are available on request.

Bayha

Type	PK	Cat. No.
11	12	9.409 911
15	12	9.409 915
16	12	9.409 916
18	12	9.409 918
19	12	9.409 919
20	12	9.409 920
21	12	9.409 921
22	12	9.409 922
23	12	9.409 923
24	12	9.409 924
26	12	9.409 926
27	12	9.409 927
28	12	9.409 928
29	12	9.409 929



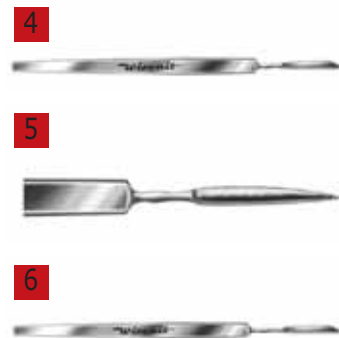
4 5 6 Dissecting knives

Wironit CrNi 18/12. Fine pattern. With metal handle. Choice of rounded, or pointed blade profile.

Hammacher

Type	Length mm	Length*	PK	Cat. No.
Rounded	135	30	1	9.160 534
Pointed	135	30	1	9.160 535
Rounded	150	20	1	9.160 536
Pointed	150	20	1	9.160 537
Rounded	130	15	1	9.160 533
Pointed	130	15	1	9.160 543

* Blade length (mm)



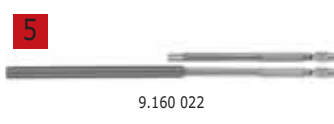
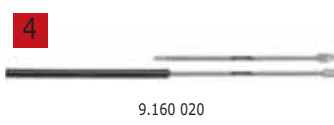
7 Dissecting needles

Wironit. CrNi 18/12. Length 50mm.

Hammacher

Description	PK	Cat. No.
Lancet-shaped	1	9.160 040
Straight, sharp	1	9.160 030
Curved, sharp	1	9.160 035
Semi-lancet	10	9.160 036
Spatula	10	9.160 037





1 2 3 Dissecting needles				
With plastic or metal handle. Length 140mm.				<i>Hammacher</i>
Type	Description	PK	Cat. No.	
Plastic	Pointed, straight	1	9.160 070	
Plastic	Pointed, curved	1	9.160 072	
Plastic	Lancet shaped	1	9.160 075	
Metal	Pointed, straight	1	9.160 090	
Metal	Pointed, curved	1	9.160 092	
Metal	Lancet shaped	1	9.160 095	

Dissecting needle holder				
Wironit CrNi 18/12.				<i>Hammacher</i>
Type	Length mm	PK	Cat. No.	
Wironit shaft with plastic handle	239	1	9.160 020 4	
Aluminium shaft with plastic handle	239	1	9.160 022 5	
Aluminium handle	170	1	9.160 025 6	

7 Blood lancets Solofix®, sterile		
For single use. Sharp, flexible lancet made of V2A supra steel. Optimal insertion depth 3.8mm.		<i>B. Braun</i>
Type	PK	Cat. No.
Solofix®	200	9.409 820

8 Laboratory dissecting set		
Four basic lab tools in a set. Always have these essential items available in your pocket. - 1 x pair of scissors - 1 x double spatula - 1 x pair of forceps, fine points - 1 x micro spatula, half round		<i>Bochem</i>
Type	PK	Cat. No.
Laboratory-Set	1	9.150 000

9 Dissecting set No. 1, small		
Corrosion-free instruments with satin finish, enclosed in an imitation leather case. Dissecting set comprises of the following: Scalpel, pointed 35mm long Dissecting needle Lancet		Forceps 105mm long Scissors, straight 115mm long Section lifter
Type	PK	Cat. No.
Dissecting set I, small	1	9.160 014

1 Microscopic set, large

Corrosion-free instruments with satin finish, enclosed in an imitation leather case.

Dissecting set comprises of the following:

- | | |
|--------------------------------|--|
| Metal scalpel, sharp 35mm long | Dissecting probe curved |
| Razor knife | Splinter forceps 105mm long |
| Section lifter 45 x 8mm | Microscope scissors, straight 110mm long |
| Dissecting needle pointed | Microscope scissors, curved 110mm long |
| Dissecting needle lancet | |

1



Type	PK	Cat. No.
Microscopic set, large	1	9.160 012

2 Dissecting set No. III

Corrosion-free instruments with satin finish, enclosed in an imitation leather case.

Dissecting set comprises of the following:

- | | |
|-------------------------------|--|
| Incision scissors 130mm long | Metal scalpel 35mm long |
| Scissors pointed 110mm long | Cartilage knife |
| Splinter forceps 130mm long | Double-ended button probe 1mm diameter |
| Dissecting forceps 130mm long | Double-ended button probe 2mm diameter |
| Metal scalpel 30mm long | Dissecting needle pointed |
| | Dissecting needle lancet |
| Metal scalpel 40mm long | Dissecting probe curved |

2



Type	PK	Cat. No.
Dissecting set II - large	1	9.160 013

3 Dissecting set for students

Comprises:

- 1 x scalpel handle No. 3
- 5 x sterile, disposable scalpel blades for above
- 1 pair of preparation scissors
- 1 pair of fine, sharp forceps
- 1 x lancet needle
- 1 x dissection needle

Hammacher

3



Type	PK	Cat. No.
H50 130-00	1	9.160 200

4 Micro-dissection kit

Supplied as a set of 10 instruments in a wooden case

Hammacher

- | | |
|---------------------------------------|---|
| Micro-scalpels, 125mm | retractor, 100mm |
| Dissecting needle, 125mm | Micro-dissecting forceps, cross action, 100mm |
| Dissecting needle, fine, 130mm | Micro-dissecting forceps, curved, 100mm |
| Dissecting needle, hook shaped, 130mm | Micro-dissecting forceps, straight, 100mm |
| Seeker, angled, 130mm | Micro-dissecting scissors, straight, extra fine 150mm |

4



Type	PK	Cat. No.
H50 001-10	1	9.160 201

Microscopes /Dissecting sets



1 Chemist's small instrument set, 5 pieces

1 x micro-powder-spatula, flexible, 150mm long
 1 x spatula, double-ended, flexible, 150mm long
 1 pair of scissors, sharp/sharp, straight, 145mm
 1 x spoon spatula, 150mm, 32 x 22 mm (blade L x W)
 1 pair of thumb forceps, simple type, 130mm long

Hammacher

Type	PK	Cat. No.
HSO 125-00	1	9.160 004



2 Chemist's large instrument set, 9-piece

Large, 9-piece set, containing:

Micro-spatula, double ended, flexible, 130mm long
 Micro-spoon spatula, spoon 5 x 7 mm, 150mm long
 Micro-powder spatula, double ended, flexible, 185mm long
 Weighing scoop, 10 x 40mm W x L, 170mm long

Scissors, straight, serrated, 170mm long
 Poly-spoon, 180mm long
 Spatula, double ended, non-flexible, 185mm long
 Spatula, wide type, both ends round, 150mm long
 Forceps, sharp, simple type, 160 mm

Hammacher

Type	PK	Cat. No.
HSO 126-00	1	9.160 010



3 Biologist's instrument set

Comprises of the following:

1 pair fine preparation forceps, straight, 130mm long
 1 x dissecting needle with plastic handle, straight, 140mm long
 1 x microbiological loop with plastic handle, 200mm long
 1 x scalpel, wooden handle, blade length 30mm, 155mm long
 1 pair microscopic scissors, straight, 105mm long

Hammacher

Type	PK	Cat. No.
HSO 128-00	1	9.160 011



4 Staining blocks

Moulded glass. With hemispherical cavity, 32mm diameter and 40mm x 40mm glass cover plate.

Colour	PK	Cat. No.
Clear	1	9.163 285
Black	1	9.163 286



5 Cavity tiles, porcelain

Rectangular, white, glazed, with cavities as outlined below.

Haldenwanger

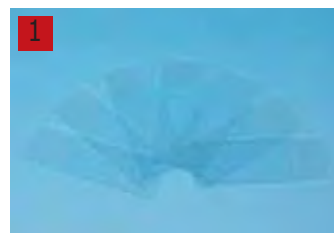
Number of cavities	Int. bore dia. mm	Cavity depth mm	Width mm	Length mm	Height mm	PK	Cat. No.
6	36	11	80	115	12.0	1	9.253 406
12	20	3	85	119	6.0	1	9.253 412

1 LLG-Microscope slides NEW!

Extra white glass, cut edges or ground edges. Dimensions: 76 x 26 x 1mm.

Description	Edge finish	PK	Cat. No.
extra white	cut edges	50	9.160 800
extra white, with frosted area	cut edges	50	9.160 801
extra white, with frosted area	ground edges 90°	50	9.160 802
extra white	ground edges 45°	50	9.160 803

Available from December 2011.



2 LLG-slides with Label NEW!

According to ISO 8037/I. With colour-coded writing patch as outlined below. Size 76mm x 26mm. Nominal thickness 1.0mm. With cut or ground edges.

Edge finish	Colour	PK	Cat. No.
cut	white	50	9.160 804
cut	blue	50	9.160 805
cut	pink	50	9.160 806
cut	gelb	50	9.160 807
cut	grün	50	9.160 808
cut	orange	50	9.160 809
cut	violet	50	9.160 810
ground 45°	white	50	9.160 811
ground 45°	blue	50	9.160 812
ground 45°	pink	50	9.160 813
ground 45°	gelb	50	9.160 814
ground 45°	grün	50	9.160 815
ground 45°	orange	50	9.160 816
ground 45°	violet	50	9.160 817

Available from December 2011.



3 LLG-slides NEW!

With colour-coded writing patch as outlined below. Size 25mm x 75mm. Nominal thickness 1.0mm. With ground edges.

Edge finish	Colour	PK	Cat. No.
ground 90°	white	72	9.160 818
ground 45°	white	72	9.160 819

Available from December 2011.



Slide Spinner please see page 607.

4 Microscope slides Menzel

According to ISO 8037/I. Prewashed and polished. Nominal thickness 1mm. Size 76 x 26mm. Also available with 20mm, frosted, writing patch at one end.



Description	Edge finish	Type	PK	Cat. No.
Extra white	Cut	Without frosted end	50	9.161 110
Extra white	Cut	With frosted end	50	9.161 145
Extra white	Ground 45°	Without frosted end	50	9.161 120
Pure white	Cut	Without frosted end	50	9.161 130
Pure white	Ground 45°	Without frosted end	50	9.161 140
Pure white	Ground 90°	Without frosted end	50	9.161 141

5 Microscope slides with cavities Menzel

Extra white glass, 90° ground edges. Dimensions: 76mm x 26mm x 1.2mm to 1.5 mm, with cavities approx. 15mm to 18mm diameter and approx. 0.6 to 0.8 depth.

Description	PK	Cat. No.
1 cavity	1	9.161 151





1 Superfrost® Plus adhesive microscope slides

Size: 75mm x 25mm x 1.0mm. Ground edges 90°, white SuperFrost marking area.
A new application method provides the surface of a slide with a permanent positive charge.
Electrostatic attraction binds fresh frozen tissue sections and cytology preparations.
Also available with blue, yellow or green SuperFrost marking area.

Menzel

Type	Colour	PK	Cat. No.
SuperFrost® Plus	White	72	9.161 155



2 Superfrost® slides

According to ISO 8037/I. With colour-coded writing patch as outlined below.
Size 76mmx 26mm. Nominal thickness 1.0mm. With cut or ground edges. With approx. 0.013mm thick coating which prevents slides sticking together and being scratched.

Menzel

Edge finish	Colour	PK	Cat. No.
Cut	white	50	9.161 161
Cut	blue	50	9.161 162
Cut	pink	50	9.161 163
Cut	yellow	50	9.161 164
Cut	green	50	9.161 165
Ground 45°	white	50	9.161 171
Ground 45°	blue	50	9.161 172
Ground 45°	pink	50	9.161 173
Ground 45°	yellow	50	9.161 174
Ground 45°	green	50	9.161 175



3 4 Microscope slide Lab-Tek™ Chamber Slide™ System, PS

Chamber slides eliminate the need for cell transfer prior to visualisation/staining.
Upper structure can be removed when culturing is complete. Useful for viral and mycoplasma testing, chromosome studies, toxicity tests and immunocytology. Sterile. CE marked. The chemically coated growth surface of the Lab-Tek™II-CC² Chamber Slide System mimics polylysine and provides binding sites optimal for fastidious cells (e.g. neurons).
Material chamber: Polystyrene

Nunc



Lab-Tek™: Sealant: Non-toxic medical grade silicone.
Lab-Tek II™: Sealant, biocompatible acrylic adhesive.
Lab-Tek II - CC²: modified glass slide, chemically coated to mimic polylysine.

Type	No. of chambers	Material	Working volume	culture surface	PK	Cat. No.
			ml	cm ²		
Lab-Tek™	1	Glass	2.5-4.5	9.2	16	6.222 960
Lab-Tek™	1	Permanox™	2.5-4.5	9.2	16	7.624 247
Lab-Tek™	2	Glass	1.2-2.0	4.2	16	6.223 053
Lab-Tek™	2	Permanox™	1.2-2.0	4.2	16	7.605 528
Lab-Tek™	4	Glass	0.5-0.9	1.8	16	6.802 871
Lab-Tek™	4	Permanox™	0.5-0.9	1.8	16	6.222 163
Lab-Tek™	8	Glass	0.2-0.4	0.8	16	6.201 671
Lab-Tek™	8	Permanox™	0.2-0.4	0.8	16	7.607 926
Lab-Tek™	16	Glass	0.1-0.2	0.4	16	4.009 111
Lab-Tek II™	1	Glass	2.0-4.5	8.6	16	6.308 526
Lab-Tek II™	2	Glass	1.0-2.0	4.0	16	6.306 834
Lab-Tek II™	4	Glass	0.5-1.0	1.7	16	6.900 035
Lab-Tek II™	8	Glass	0.2-0.5	0.7	16	6.900 034
Lab-Tek II - CC ²	1	modif. Glass	2.0-4.5	8.6	96	4.009 173
Lab-Tek II - CC ²	2	modif. Glass	1.0-2.0	4.0	16	6.803 005
Lab-Tek II - CC ²	4	modif. Glass	0.5-1.0	1.7	16	6.802 939
Lab-Tek II - CC ²	8	modif. Glass	0.2-0.5	0.7	16	6.222 543

1 Chambered Coverglass Lab-Tek™ und Lab-Tek™ II, PS, sterile NEW!

Excellent for confocal image analysis and optimal for high power inverted microscopic viewing. Serile, CE marked.
 Material chamber: Polystyrene
 Material slide: Glass

Nunc



Lab-Tek™: connection between the chamber (s) and slides from non-toxic, medical silicone.
 Lab-Tek™ II: connection between the chamber (s) and slides of biocompatible acrylic adhesive.
 Medium chamber is not removable.

Type	No. of chambers	Material	Working volume ml	culture surface cm ²	PK	Cat. No.
Lab-Tek™	1	Glass	2.2-4.5	9.4	16	6.900 669
Lab-Tek™	2	Glass	1.2-2.0	4.2	16	6.801 580
Lab-Tek™	4	Glass	0.5-0.9	1.8	16	6.201 895
Lab-Tek™	8	Glass	0.2-0.4	0.8	16	7.652 828
Lab-Tek™ II	1	Glass	2.0-4.5	8.6	16	6.803 674
Lab-Tek™ II	2	Glass	1.0-2.0	4.0	16	6.803 675
Lab-Tek™ II	4	Glass	0.5-1.0	1.7	16	6.803 676
Lab-Tek™ II	8	Glass	0.2-0.5	0.7	16	6.226 901

2 Chamber slides Iwaki

Iwaki chamber slides comprise of a plastic polystyrene chamber attached to a glass microscope slide by means of a non-toxic, silicone rubber adhesive.
 The slides allow culture, fixation, staining and observation of cells all on one slide.
 Independent chambers help simultaneous multi-cultures with low risk of cross-contamination.

Type	No. of chambers	Chamber	Slide material	PK	Cat. No.
no longer available					
5712-002	2	19 x 19 mm	Glass	20	9.700 529
5722-004	4	9 x 19 mm	Glass	20	9.700 530



3 Chamber slides with numbered grids Quick-Read NEW!

- high-quality acrylic slides
- contains 10 numbered counting chamber with grids
- volume of each chamber 6.3µl

Type	Capacity µl	PK	Cat. No.
Quick-Read	6.3	100	7.930 074



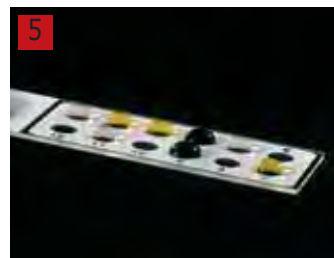
4 Diagnostic slides without adhesion coating Menzel

Type	Description	Dia. mm	Colour	PK	Cat. No.
Epoxy	1 cavity	8.0	Blue	100	9.161 181
Epoxy	3 cavities	14.0	Black	100	9.161 182
Epoxy	8 cavities	6.0	Black	100	9.161 183
Epoxy	10 cavities	6.7	Black	100	9.161 184
Epoxy	12 cavities	5.0	White	100	9.161 185
PTFE	1 cavity	8.0	Blue	100	9.161 186
PTFE	3 cavities	14.0	Black	100	9.161 187
PTFE	8 cavities	6.0	Black	100	9.161 188
PTFE	10 cavities	6.7	Black	100	9.161 189
PTFE	12 cavities	5.0	White	100	9.161 190



5 Diagnostic slides Menzel

Type	Description	Dia. mm	Colour	PK	Cat. No.
PTFE	12 cavities	5	White	100	9.161 200





1 Prepared Slides

Prepared microscope slides for education and studies.

Type	PK	Cat. No.
Fishes, frogs and other ambhíbians	1	9.151 850
Lizard snakes and birds	1	9.151 851
Animal reproduction	1	9.151 852
Bacteria simple organisms	1	9.151 854
Tropical plants	1	9.151 855
Plant reproduction and propagation	1	9.151 856
Structure of vegetable plants	1	9.151 857
Cell development and reproduction	1	9.151 858
Nanoplankton	1	9.151 859
Human body, normal tissues Part 1	1	9.151 860
Human body, normal tissues Part 2	1	9.151 861
The human body pathological tissues part 1	1	9.151 862
The human body pathological tissues Part 2	1	9.151 863
Animal and human parasites	1	9.151 864
Life in the ground	1	9.151 866
Animals and plants damaged by the environment	1	9.151 868
Set for teaching science	1	9.151 869
Set for teaching biology part 1	1	9.151 870
Set for teaching biology part 2	1	9.151 871



2 LLG-Cover slips

NEW!

Made of clear white glass.

Width mm	Length mm	Thickness mm	PK	Cat. No.
18	18	0.13-0.16	200	9.160 822
20	20	0.13-0.16	200	9.160 823
22	22	0.13-0.16	200	9.160 824
24	24	0.13-0.16	200	9.160 825
32	24	0.13-0.16	100	9.160 827
40	24	0.13-0.16	100	9.160 828
50	24	0.13-0.16	100	9.160 829
60	24	0.13-0.16	100	9.160 830
50	24	0.16-0.19	100	9.160 831

Available from December 2011.



3 Square cover slips

Made of clear white glass. Accurate cutting free of flaws and blisters.
Thickness 0.13mm to 0.16mm.
Further thicknesses are available on request.

Menzel

Width mm	Length mm	PK	Cat. No.
15	15	200	9.161 015
18	18	200	9.161 018
20	20	200	9.161 020
22	22	200	9.161 022
24	24	200	9.161 024
26	21	100	9.161 021
32	24	100	9.161 032
40	24	100	9.161 040
50	24	100	9.161 050
60	24	100	9.161 060



4 Haemocytometer cover glasses

Officially calibrated, optically parallel cut. CE-marked.
Nominal thickness 0.4mm.

Menzel

Width mm	Length mm	PK	Cat. No.
26	20	10	9.161 070
22	22	10	9.161 072
24	24	10	9.161 074

1 Circular cover slips

Made of clear white glass. Accurate cutting free of flaws and blisters. Menzel
 Thickness 0.13mm to 0.16mm. Diameters as indicated.
 Further sizes and thicknesses are available on request.

Dia. mm	PK	Cat. No.
10	100	9.161 063
12	100	9.161 064
13	100	9.161 065
14	100	9.161 066
15	100	9.161 061
18	100	9.161 062



2 LLG-Cover glass forceps, self-locking NEW!

Stainless steel 4301

Length mm	Form	PK	Cat. No.
105	straight	1	9.160 380
105	curved	1	9.160 381



3 LLG-Cover glass forceps, Type Kühne NEW!

Stainless steel 4301

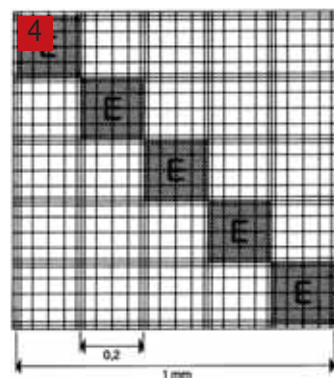
Length mm	Form	PK	Cat. No.
115	curved	1	9.160 386
130	curved	1	9.160 387
145	curved	1	9.160 388
115	straight	1	9.160 391
130	straight	1	9.160 392
145	straight	1	9.160 393



4 Counting chamber, Improved Neubauer

With double ruling. Without snap-on clips. Calibratable. BRAND
 Cell depth 0.1mm. Counting grid with 9 large squares each 1 mm².
 The 4 large squares in the corners for counting leucocytes are each subdivided into 16 squares with a side length of 0.25mm. The large square in the middle is subdivided into 25 squares each with a side length of 0.2mm. Each of these is further subdivided into 16 smaller squares each with a side length of 0.05 mm and an area of 0.0025mm².
 The 5 group squares marked with an 'E' are used to count thrombocytes and erythrocytes.
 All group squares have triple boundary lines on each side. CE-marked according to IVD 98/79 EG.

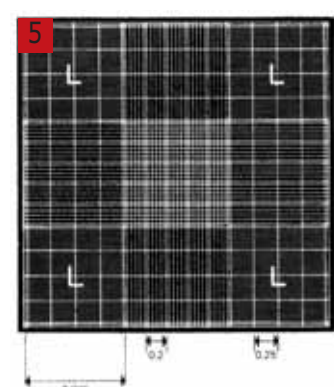
Type	PK	Cat. No.
Counting chamber, Improved Neubauer	1	9.161 078

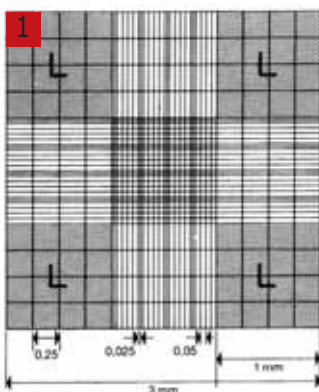


5 Counting chamber, Improved Neubauer, bright line

Bright line. With double ruling. Without snap-on clips. Calibratable. BRAND
 Same counting grid as the Improved Neubauer cell, but with rhodium coated chamber base.
 Rulings are engraved into the Rhodium layer and appear bright under normal microscope settings.
 By altering the contrast it is possible to reverse the image under the microscope to make the rulings appear brighter or darker as required. CE-marked according to IVD 98/79 EG.

Type	PK	Cat. No.
Counting chamber, Improved Neubauer, bright line	1	9.161 079

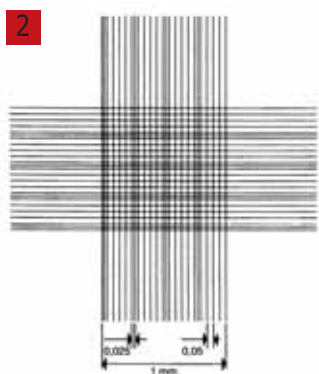




1 Counting chamber, Neubauer

With double ruling. Without snap-on clips. Calibratable. Cell depth 0.1mm. BRAND
 Same ruling as Improved Neubauer, but the large square in the centre is divided into 16 squares each with a side length of 0.2mm. Unlike the more modern Improved Neubauer counting chambers, the counting area of each group square is limited by the outermost of the triple border lines. CE-marked according to IVD 98/79 EG.

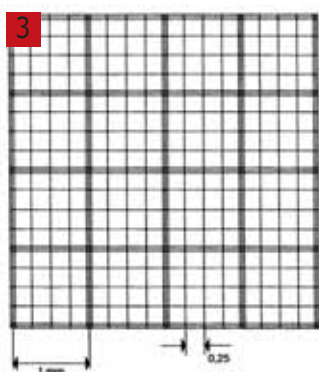
Type	PK	Cat. No.
Counting chamber, Neubauer	1	9.161 086



2 Counting chamber, Thoma ruling

Double ruling. Without snap-on clips. Calibratable. Cell depth 0.1mm. Grid is the same as the grid in the centre of large square in the Neubauer chamber. The area of the small square is 0.0025mm². Since the large outer squares are not included, the Thoma system is only used to count thrombocytes and erythrocytes. CE-marked according to IVD 98/79 EG.

Type	PK	Cat. No.
Counting chamber, Thoma ruling	1	9.161 080



3 Counting chamber, Fuchs-Rosenthal

With double ruling. Without snap-on clips. Calibratable. Cell depth 0.2mm. Grid has 16 x large 1 mm² squares. Each square is divided into 16 smaller squares each with a side length of 0.25mm and an area of 0.0625mm². These counting chambers are commonly used to count cells in cerebrospinal fluid. CE-marked according to IVD 98/79 EG.

Type	PK	Cat. No.
Counting chamber, Fuchs-Rosenthal	1	9.161 098



4 LLG-Slide dispenser

Slide dispenser can dispense 50 slides, individually. By turning the knob, one slide is dispensed. Only dry slides should be inserted into the storage magazine. With transparent, removable upper section for easy viewing of remaining slides and clean storage.

Type	PK	Cat. No.
Dispenser	1	9.161 000



5 Microscope slide boxes

PP. For storing or shipping 5 thick or 10 thin slides. Sturdy design. Screw cap with fitting for sealing wire tag. When cap is open the slides protrude approximately 10mm so they can be removed easily. Kartell

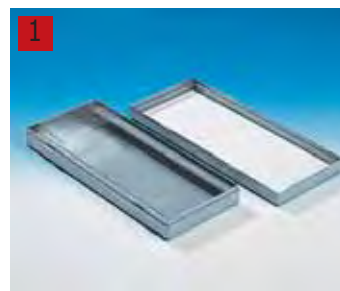
Int. dia. mm	Height mm	PK	Cat. No.
45	90	1	9.161 395

1 Microscope slide boxes

PS. High impact. For 76mm x 26mm slides. Numbered slots in base. Index card in lid.

Kartell

To hold microscope slides	Width mm	Length mm	Height mm	PK	Cat. No.
25	96	120	35	1	9.161 380
50	97	230	35	1	9.161 381
100	187	230	35	1	9.161 382



2 Magazine for slide boxes

White, PVC. For holding 8 slide boxes in 4 stages.

With carrying handle and rubber feet.

Dimensions (WxDxH): 185mm x 175mm x 200mm

Type	PK	Cat. No.
Magazine for slide boxes	1	9.161 383



3 Slide boxes

To hold 50 slides 76mm x 26mm.

Clear and durable storage system - Easy to use.

Dimensions: 172mm x 83mm x 31mm.

- High-grade polystyrene construction
- Archive numbering system in the base
- Freezer-resistant, max. -40°C
- Stackable
- Colour coded
- Dustproof
- Virtually unbreakable

Colour	PK	Cat. No.
White	1	9.161 361
Blue	1	9.161 362
Green	1	9.161 363
Red	1	9.161 364
Yellow	1	9.161 365
Purple	1	9.161 366
Orange	1	9.161 367
Mint	1	9.161 368
Black	1	9.161 369



4 LLG-Slide wallet

Cardboard. For 20 slides size 76mm x 26mm. With numbered positions, gatefold front cover and white backboard.

Dimensions mm	PK	Cat. No.
192 x 292 x 11	1	9.161 290



5 Microscope slide tray

Cardboard. For 76mm x 26mm slides.

To hold microscope slides	Cover type	PK	Cat. No.
20	Without	1	9.161 260

Trays for other sizes of slide are available on request.





1 Microscope slide folder

Munich type. For 76mm x 26 mm slides as outlined below.

To hold microscope	Cover type	PK	Cat. No.
slides			
24	Without	1	9.161 250



2 Microscope slide folders

Stiff fibreboard. Available with, or without, gatefold cover. For 76mm x 26mm slides as outlined below.

To hold microscope	Cover type	PK	Cat. No.
slides			
20	without	1	9.161 230
20	with	1	9.161 235



3 20- and 30-place Cardboard Slide Trays

NEW!

Features thumb cut for easy slide removal.

Heathrow Scientific

Cardboard slide trays hold standard slides (76mm x 26mm and 3 x 1"). The horizontal compartments are recessed to protect the specimens when the cover is closed. Features thumb cut for easy slide removal.

To hold microscope	Size	Colour	PK	Cat. No.
slides				
20	208 x 341 x 9mm	black	1	9.161 295
30	281 x 328 x 10mm	black	1	9.161 296
20	208 x 341 x 9mm	blue	1	9.161 297
20	208 x 341 x 9mm	green	1	9.161 298



4 20-Place Slide Tray Rack, ABS

NEW!

Holds safely five of the 20-place slide trays. Ideal for microbiology, histology, and pathology fields. Matching clasps provide area for identification labels and doubles as a handle. Place rack in refrigerator for those needed cold samples. Includes five ABS clasps. Stackable. Dimensions (L x W x H): 226mm x 340mm x 125mm

Heathrow Scientific

Description	PK	Cat. No.
20-Place Slide Tray Rack for 5 Slide trays	1	9.161 299



5 Slide storage box

Dense fibreboard covered with imitation leather. Hinged lid with locking clips. Holds slides 76mm x 26mm slides as outlined below.

To hold microscope	Cover type	PK	Cat. No.
slides			
100	With	1	9.161 210
50	With	1	9.161 215



10. Optical instruments and Microscopes

Microscopes / Staining equipment, accessories

1 Slide storage system

The basic unit has five drawers. Additional drawers can be added by removing the top lid, locating the drawer with the four dowels provided and replacing the lid. The maximum number of drawers is dictated by the height of the user. Castors can also be used to create a mobile workstation. Each drawer can accommodate 10 slide supports. Each support has a capacity of 100 slides.

Kartell



Description	Width mm	Length mm	Height mm	PK	Cat. No.
Package of 5 drawers with lid	420	420	725	1	9.161 277
Single drawer unit without supports	420	420	140	1	9.161 275
Microscope slide support for 100 slides	38	360	100	1	9.161 279
Dust cover for 9.161 279	35	345	40	1	9.161 280
Drawer lid	420	420	25	1	9.161 276
Set of 4 wheels				1	9.161 278

2 Slide storage box

Plastic. Hinged lid with locking clips. Holds slides 76mm x 26mm slides as outlined below.

To hold microscope slides	Cover type	PK	Cat. No.
100	with	1	9.161 211



3 4 Durable microscope slide boxes

NEW!

Colour-coded for easy identification. Slide boxes are perfect for storage or transportation of standard size slides (76mm x 26mm and 3 x 1"). With cork lining. Stackable. Each 100 place box is secured with a rust-resistant nickel-plated clasp and hinge pin. Each slot is numbered to correspond to the slide inventory sheet on the inside cover of the box.

Heathrow Scientific

To hold microscope slides	Colour	Dimensions (W x D x H) mm	PK	Cat. No.
50	blue	209 x 86 x 35	1	9.161 300
100	blue	208 x 175 x 34	1	9.161 284
100	green	208 x 175 x 34	1	9.161 285
100	red	208 x 175 x 34	1	9.161 286
100	black	208 x 175 x 34	1	9.161 287
100	yellow	208 x 175 x 34	1	9.161 288



5 LLG-Slide mailers

High density polypropylene. Very stable. Holds one, two or three standard slides (76mm x 26mm and 3 x 1") securely with large, easy to use snaps.

To hold microscope slides	PK	Cat. No.
1	10	9.161 291
2	10	9.161 292
3	10	9.161 293



1


1 Slide mailers

For transporting 76mm x 26mm specimen slides, as outlined below.

To hold microscope	Cover type	PK	Cat. No.
slides			
2	Without	1	9.161 270
6	Without	1	9.161 272

2


2 Slide mailers

Strong protection for 76mm x 26mm specimen slides during transportation. Each slide has its own compartment with support bars at 55mm centres to protect subject matter from being scratched. Particularly useful for cytological and geological specimens.

Kartell

Description	Material	Width mm	Length mm	Height mm	PK	Cat. No.
1	PE	51	99	6	1	9.161 281
2	PE-HD	70	84	6	1	9.161 282
3	PE-HD	84	97	6	1	9.161 283

3


3 Slide Mailers

Ideal for shipping, storing, or staining slides. These polypropylene containers hold five standard slides (75mm x 25mm and 3 x 1"). Inside wall features slotted channels to keep slides separated and to make removal easier. Close securely to keep slides safe. Dimensions: 43mm x 24mm x 88mm.

NEW!
Heathrow Scientific

Colour	PK	Cat. No.
natural	25	6.242 062
red, yellow, blue, purple, orange	25	9.409 662

4


4 Drying pads Grade 556Z

For retaining specimen visibility (50 sheets).

GE Healthcare

Width mm	Length mm	PK	Cat. No.
37	100	1	9.069 003

5


5 Laboratory Optics Cleaning Set LOK

Small grains of dust or dirt on optical components of laboratory equipment are particularly harmful and make precise work more difficult. The Laboratory Optics Cleaning Set contains everything required for efficiently combating dust in the laboratory:

Kaiser Fototechnik

A Panther Anti-static Microfibre Cloth 450mm x 250mm, precision Cleaning Fluid (PLC1) in a 29ml (1 oz) pump spray bottle, a SW-020 Anti-Static Brush, a SpeckGrabber SG and cleaning swabs for use with the PLC cleaning solution. All components are packed in a robust plastic box.

Type	PK	Cat. No.
Cleaning Kit LOK	1	9.584 626

1 Lens cleaning tissues, 105 series

For the safe removal of surface moisture and grease from lenses and other optical surfaces. Chemically pure and free from silicones and other additives.

GE Healthcare

Width mm	Length mm	PK	Cat. No.
100	150	625	9.056 887
200	300	100	9.056 888



2 LLG-Embedding cassettes with lid

Moulded from a special high density polymer, these cassettes keep specimens safely submerged in liquid and are totally resistant to the chemical action of histological solvents. The efficient, flow-through slots maximize fluid exchange and ensure proper drainage. Designed for one-handed operation. Large labelling areas are located on two sides of the cassettes.

Colour	For	PK	Cat. No.
white	Histology	500	9.163 261
yellow	Histology	500	9.163 262
green	Histology	500	9.163 263
pink	Histology	500	9.163 264
blue	Histology	500	9.163 265
white	Biopsy	500	9.163 266
white	Biopsy	500	9.163 267
green	Biopsy	500	9.163 268
pink	Biopsy	500	9.163 269
blue	Biopsy	500	9.163 270



3 LLG-Embedding cassettes

Disposable plastic tissue cassettes are suitable for holding and identifying tissue samples in processing, embedding and sectioning procedures.

The cassettes fit securely in microtome chuck adapters. Moulded from a high density polymer that is totally resistant to the chemical action of histological solvents.

The slanted writing surface accepts markings easily, permitting sample identification.

The separate cassette lid (9.170 046) is manufactured from high grade stainless steel. Perforated surface for optimal liquid diffusion.

Colour	PK	Cat. No.
white	500	9.170 041
yellow	500	9.170 042
green	500	9.170 043
pink	500	9.170 044
blue	500	9.170 045
Lid	5	9.170 046



4 Staining jar

PMP (TPX®) Supplied with 2 lids, one complete lid for use providing evaporation-free storage of staining liquids, the other lid with an opening to allow the handle of accessory staining rack 9.161 341 to be inserted.

Note: Xylene can cause etching after 2 days at room temperature.

Kartell

Width mm	Length mm	Height mm	PK	Cat. No.
80	100	70	1	9.161 340




1

1 Staining rack

For use with staining jar 9.161 340. PP, with horizontal tray, holds 20 slides.

Kartell

Width mm	Length mm	Height mm	PK	Cat. No.
20	86	700	1	9.161 341


2

2 LLG-Staining jars

The Schiefferdecker staining jar is suitable for holding 76mm x 26mm slides horizontally.

This staining jar has 10 grooves which can accommodate 20 slides back-to-back.

The Hellendahl staining jar is suitable for holding 76mm x 26mm slides vertically.

This staining jar has 8 grooves which can accommodate 18 slides back-to-back.

The "Macro" staining jar is manufactured from thick moulded glass (please order rack separately)

This stainless steel rack for "Macro" has 20 grooves which can accommodate 20 single slides.

Each staining jar is supplied with a glass lid.

Type	PK	Cat. No.
Schiefferdecker staining jar	1	9.163 250
Hellendahl staining jar	1	9.163 251
Macro staining jar	1	9.163 252
Rack, stainless steel, for Macro jar	1	9.163 253


3

3 Staining rack

Glass. Holds microscope slides 76mm x 26mm to 50mm. (Fits trough 9.163 281 not supplied).

An accessory wire lifting handle is available.

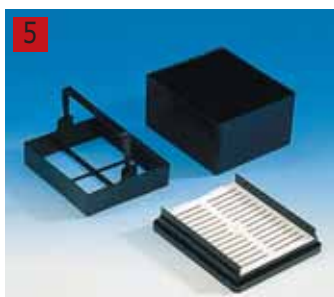
Type	Width mm	Length mm	Height mm	PK	Cat. No.
Staining rack	30	85	45	1	9.163 280
Wire handle				1	9.163 284


4

4 Trough

Glass. Accepts one staining rack 9.163 280 (not supplied).

Width mm	Length mm	Height mm	PK	Cat. No.
85	105	70	1	9.163 281


5

5 Staining trough with rack

POM. Accepts 25 slides 76mm x 26mm.

BRAND

Tightly fitting lid provides good protection against evaporation.

Insert rack with folding handle.

To hold microscope slides	Width mm	Length mm	Height mm	PK	Cat. No.
25	88	98	52	1	9.161 370

10. Optical instruments and Microscopes

Microscopes / Staining equipment, accessories

1 Disposable Staining Slide Tray



Heathrow Scientific

Stain, rinse, and dry your slides on a single working tray. Made of a polypropylene and polyethylene blend, this rugged staining tray is an economical alternative to metal versions offering a clean and fresh working surface area every time. Up to eight slides fit comfortably onto the base and the deep well holds liquid waste up to 38ml. Two convenient pour spouts make it easy to dispose of unwanted liquid waste. Unique dark lid protects slides when used with light sensitive applications. Supplied with 4 Base Trays and 1 Lid.



To hold microscope	Length	Width	Height	PK	Cat. No.
slides	mm	mm	mm		
8	305	127	29.5	1	9.161 400

2 Staining jar, PMP (TPX®)

Schiefferdecker pattern. Accepts 20 slides 76mm x 26mm (10 pairs back to back). Transparent. Complete with lid. Note: Xylene can cause etching after 2 days at room temperature.

Kartell

Width mm	Length mm	Height mm	PK	Cat. No.
70	86	51	1	9.161 352



3 Staining jar, PMP (TPX®)

Hellendahl pattern. Accepts 16 slides 76mm x 26mm (8 pairs back to back). Transparent, with grooves. Complete with lid. Note: Xylene can cause etching after 2 days at room temperature.

Kartell

Width mm	Length mm	Height mm	PK	Cat. No.
57	57	90	1	9.161 350



4 Staining jar

Coplin pattern. Glass.

Dia. mm	Height mm	PK	Cat. No.
45	105	1	9.163 283



5 Staining cylinders

Soda lime glass. With drop-on cover.

Type	Dia. mm	Width mm	Length mm	Height mm	PK	Cat. No.
Round	40			85	1	9.163 273
Oval		25	40	85	1	9.163 274
Rectangular		20	40	85	1	9.163 275





1 Staining jar, PP

Coplin pattern. With screw cap.
For batch staining of 10 microscope slides, 76mm x 26mm.

VITLAB

Height mm	Dia. mm	PK	Cat. No.
94	50	1	9.161 386



2 Tissue-embedding wax, Paraplast

For embedding tissue. Paraplast-Plus additionally contains dimethyl sulphoxide which improves speed and penetration into tissue samples.

Type	Capacity kg	PK	Cat. No.
Paraplast	1	1	9.170 015
Paraplast-Plus	1	1	9.170 020



3 Tissue Float Bath 1052

Special bath to stretch and dry cut tissue samples embedded in wax, in histological, chemical, clinical and bacteriological laboratories. Temperature range from approx. 5°C above ambient to approx. +80°C. Precise temperature regulation, consistently $\pm 0.5^\circ\text{C}$, ensures evenly stretched cuttings which are clearly visible in the black anodized bath. The cuttings are carefully dried on the warmed rim of the bath which is also black anodized. Comfortable and safe working due to low bath height of 100mm. Bath interior made of black anodised aluminium. Housing in powder-coated aluminium. A control thermometer is fixed to rim of the bath within a stainless steel holder. Tested according to the German Equipment Safety Law, with CE mark.

GFL

Specification

Temperature range:	up to +80°C
Interior dimensions (Dia. x H):	200 x 60mm
Exterior dimensions (Dia. x H):	280 x 100mm
Supply requirement:	230V 50/60Hz, 0.3 kW (alternative voltages are available - details on request)
Weight:	2kg

Type	PK	Cat. No.
Tissue Float Bath 1052	1	9.905 952
Black anodised aluminium dust cover, 1950	1	9.905 951



4 Canada balsam bottle

Goldschmidt pattern. Clear glass. For microscopy examinations.
Ground joint maximises useful life of contents.

Capacity g	PK	Cat. No.
30	1	6.070 616
60	1	6.053 546



5 Microscope slide or paper strip holder

White. Plastic. With slanting grooves for storing 10 single or double slides. Also suitable for paper strips.
Front storage area has space for drying slides.

Internal dimensions (W x D x H) mm	PK	Cat. No.
250 x 50 x 30	1	9.161 208